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CONTRIBUTIONS TOWARD A
FLORA OF NEVADA. NO. 11.

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HYDROCHARITACEAE OF NEVADA

by

F. J. HERMANN

December 1, 1940.

Issued by

The Division of Plant Exploration and Introduction,
Bureau of Plant Industry,
U. S. Department of Agriculture,
Washington, D. C.

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Work Projects Administration of Nevada,
Projects, O. P. 65-2-04-13, W. P. 658;
O. P. 165-2-04-21, W. P. 752.

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Collaborator

University of Nevada.

Address all queries concerning this publication to the Division
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HYDROCHARITACEAE OF NEVADA

By F. J. Hermann

Submerged herbaceous aquatics; flowers inconspicuous, regular, appearing from an involucre or spathe of 1 to 3 bracts or leaves; perianth 3-6 parted; stamens 3-12; styles 3; ovary 1-celled with 3 perietal placentae; fruit indehiscent.

One genus in Nevada.

1. ANACHARIS Bab. & Planch. Waterweed.

Stems elongated, branching, leafy; leaves whorled, or the lower opposite, sessile, minutely serrulate; flowers dioecious, from a tubular, 2-cleft spathe, the staminate sessile, early separating from the plant and floating on the surface of the water or long-pedicelled and usually remaining attached, the pistillate sessile, with a long pedicel-like tube which reaches the surface; sepals and petals 3; stamens 9; fruit linear.

One species is known from Nevada.

1. ANACHARIS CANADENSIS (Michx.) Planch. Ann. & Mag. Nat. Hist.
II. 1: 86. 1848.

Elodea canadensis Michx. Fl. Bor. Am. 1: 20. 1803.

Elodea Planchonii Casp. Jahrb. Wiss. Bot. 1: 408. 1858.

Philotria canadensis Britton, Science II. 2: 5. 1895.

Stems slender, in our area usually less than 20 cm. long (elsewhere up to 1.5 meters in length); leaves oblong to linear, 1.2-4.5 mm. wide, averaging about 2 mm.; spathe of staminate flower 11-13 mm. long, constricted to a stipe-like base, the apex 2-lobed; staminate flower remaining attached by means of a long filiform pedicel, its sepals 3.5-5 mm. long; anthers 2.2-2.5 mm. long; sepals of pistillate flower 2.3-2.7 mm. long.

Western Nevada: Washoe County. Usually in calcareous water.

